| $n-m$ <br> is not zero | Rover <br> is a dog | $\mathrm{n}>1$ | n is odd |
| :---: | :---: | :---: | :---: |
| Rover <br> is not a cat | $\mathrm{n}<\mathrm{m}$ | n is even | $\mathrm{n}-\mathrm{m}>0$ |
| $\mathrm{n}^{3}>5 \mathrm{n}$ | $\mathrm{n}+\mathrm{m}$ is odd | $2 \mathrm{n}-\mathrm{m}<0$ | $\mathrm{n}>\mathrm{m}$ |
| $\mathrm{n}^{2}$ is odd | $\mathrm{n}+1$ is odd | $\mathrm{n}>0$ | $\mathrm{n}>2$ |
| $\Rightarrow$ | $\Rightarrow$ | $\Rightarrow$ | $\Rightarrow$ |
| $\Leftrightarrow$ | $\Leftrightarrow$ | $\Leftrightarrow$ | $\Leftrightarrow$ |

